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1 [Information retrieval from hypertext documents \(solution session\)](#)

Yuri Quintana, Rob McGeachy, Mohamed Kamel

November 1993 SI GDOC '93: Proceedings of the 11th annual international conference on Systems documentation

Publisher: ACM

Full text available: pdf(138.78 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

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Istvan Beszteri, Petri Vuorimaa

March 2005 SAC '05: Proceedings of the 2005 ACM symposium on Applied computing

Publisher: ACM

Full text available: pdf(539.47 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

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The diversity of Internet enabled terminals is increasing continuously. Layout adaptation is becoming a crucial issue for the content providers. They have to support different client devices with minimal effort. This paper presents a document editing ...

Keywords: Extensible Markup Language (XML), X-Smiles, XForms, XFrames, XML database, XQuery, XUpdate

3 [Practical solutions to the problem of diagonal dominance in kernel document clustering](#)

Derek Greene, Pádraig Cunningham

June 2006 I CML '06: Proceedings of the 23rd international conference on Machine learning

Publisher: ACM

Full text available: pdf(911.33 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 26, Citation Count: 0

In supervised kernel methods, it has been observed that the performance of the SVM classifier is poor in cases where the diagonal entries of the Gram matrix are large relative to the off-diagonal entries. This problem, referred to as *diagonal dominance*, ...

4 [Experimental software solution for e-projects and e-documents management](#)

Daniel Denev, Georgy Totkov, Rorita Doneva, Nikolay Kasakliev

June 2007 CompSysTech '07: Proceedings of the 2007 international conference on

## Computer systems and technologies

Publisher: ACM

Full text available:  pdf(317.38 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 52, Citation Count: 0

In the research are presented experimental software for simultaneous remote project management and project documentation tracking of several projects simultaneously. Tracking and management functionality gives opportunity the teams, tasks, resources, ...

Keyw ords: conference management system, library management, project management

5 [Maintaining document and project quality using checklists \(solution session\)](#)

Gordon Varney

November 1993 SI GDOC '93: Proceedings of the 11th annual international conference on Systems documentation

Publisher: ACM

Full text available:  pdf(61.67 KB) Additional Information: [full citation](#), [index terms](#)


Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 7, Citation Count: 0

6 [An analysis of XML database solutions for the management of MPEG-7 media descriptions](#)

Utz Westermann, Wolfgang Klas

December 2003 ACM Computing Surveys (CSUR), Volume 35 Issue 4

Publisher: ACM

Full text available:  pdf(448.76 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 375, Citation Count: 7

MPEG-7 constitutes a promising standard for the description of multimedia content. It can be expected that a lot of applications based on MPEG-7 media descriptions will be set up in the near future. Therefore, means for the adequate management of large ...

Keyw ords: MPEG-7, XML database systems, multimedia databases

7 [Bridging relational database history and the web: the XML approach](#)

Fusheng Wang, Xin Zhou, Carlo Zaniolo

November 2006 WIDM '06: Proceedings of the 8th annual ACM international workshop on Web information and data management

Publisher: ACM

Full text available:  pdf(625.19 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 206, Citation Count: 0

The preservation of digital artifacts represents an unanswered challenge for the modern information society: XML and its query languages provide an effective environment to address this challenge because of their ability to support temporal information ...

Keyw ords: XML database, temporal database, temporal grouping, temporal query, xquery

8 [Retrieval effectiveness of an ontology-based model for information selection](#)

Latifur Khan, Dennis McLeod, Eduard Hovy

January 2004 The VLDB Journal — The International Journal on Very Large Data Bases, Volume 13 Issue 1

Publisher: Springer-Verlag New York, Inc.

Full text available:  pdf(278.74 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index](#)


[terms, review](#)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 172, Citation Count: 5


Technology in the field of digital media generates huge amounts of nontextual information, audio, video, and images, along with more familiar textual information. The potential for exchange and retrieval of information is vast and daunting. The key problem ...

Keywords: Audio, Metadata, Ontology, Precision, Recall, SQL

#### 9 [Satchel: providing access to any document, any time, anywhere](#)

 Mik Lamming, Marge Eldridge, Mike Flynn, Chris Jones, David Pendlebury  
September 2000 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 7 Issue 3

Publisher: ACM


Full text available:  [pdf\(591.29 KB\)](#) [Additional Information: full citation, abstract, references, cited by, index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 120, Citation Count: 17

Current solutions for providing access to electronic documents while away from the office do not meet the special needs of mobile document workers. We describe "Satchel," a system that is designed specifically to support the distinctive features ...

Keywords: document access, document appliance, document processing, information appliance, mobile computing, mobile work

#### 10 [A model for mapping between printed and digital document instances](#)

 Nadir Weibel, Moira C. Norrie, Beat Signer  
August 2007 DocEng '07: Proceedings of the 2007 ACM symposium on Document engineering

Publisher: ACM


Full text available:  [pdf\(345.08 KB\)](#) [Additional Information: full citation, abstract, references, index terms](#)


Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 160, Citation Count: 0

The first steps towards bridging the paper-digital divide have been achieved with the development of a range of technologies that allow printed documents to be linked to digital content and services. However, the static nature of paper and limited structural ...

Keywords: document integration, document model, interactive paper, page description languages, structured documents

#### 11 [Collection statistics for fast duplicate document detection](#)

 Abdur Chowdhury, Ophir Frieder, David Grossman, Mary Catherine McCabe  
April 2002 ACM Transactions on Information Systems (TOIS), Volume 20 Issue 2  
Publisher: ACM

Full text available:  [pdf\(191.32 KB\)](#) [Additional Information: full citation, abstract, references, cited by, index terms](#)

Bibliometrics: Downloads (6 Weeks): 29, Downloads (12 Months): 214, Citation Count: 21

We present a new algorithm for duplicate document detection that uses collection statistics. We compare our approach with the state-of-the-art approach using multiple collections. These collections include a 30 MB 18,577 web document collection developed ...

#### 12 [A semisupervised learning method to merge search engine results](#)

Luo Si, Jamie Callan  
October 2003 ACM Transactions on Information Systems (TOIS), Volume 21 Issue 4



Publisher: ACM

Full text available: pdf(463.96 KB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 116, Citation Count: 6

The proliferation of searchable text databases on local area networks and the Internet causes the problem of finding information that may be distributed among many disjoint text databases (*distributed information retrieval*). How to merge the results ...

**Keywords:** Distributed information retrieval, resource ranking, resource selection, results merging, semisupervised learning method, server selection

13 Multimedia thumbnails for documents

Berna Erol, Kathrin Berkner, Siddharth Joshi

October 2006 MULTIMEDIA '06: Proceedings of the 14th annual ACM international conference on Multimedia

Publisher: ACM

Full text available: pdf(1.02 MB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 82, Citation Count: 1

As small portable devices are becoming standard personal equipments, there is a great need for the adaptation of information content to small displays. Currently, no good solutions exist for viewing formatted documents, such as pdf documents, on these ...

**Keywords:** automated browsing, document representation, mobile, multimodal processing, summarization, user interface

14 Undo as concurrent inverse in group editors

Chengzheng Ren

December 2002 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 9 Issue 4

Publisher: ACM

Full text available: pdf(814.03 KB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 100, Citation Count: 15

As an important mechanism for error recovery and exploration of alternatives in interactive and collaborative applications, an undo facility should have the capability of undoing any operation at any time. However, supporting undo in collaborative applications ...

**Keywords:** Group undo, REDUCE, collaborative applications, computer-supported cooperative work, concurrency control, consistence maintenance, distributed systems, operational transformation

15 Digitally signed document sanitizing scheme based on bilinear maps

Kunihiko Miyazaki, Goichiro Hanaoka, Hideki Imai

March 2006 ASI ACCS '06: Proceedings of the 2006 ACM Symposium on Information, computer and communications security

Publisher: ACM

Full text available: pdf(565.33 KB)

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 59, Citation Count: 0

A digital signature does not allow any alteration of the document to which it is attached. Appropriate alteration of some signed documents, however, should be allowed because there are security requirements other than the integrity of the document. In ...

**Keywords:** digital signature, information disclosure, privacy issue

16 [Learning metadata from the evidence in an on-line citation matching scheme](#)

Isaac G. Council, Huajing Li, Ziming Zhuang, Sandip Debnath, Levent Bolelli, Wang Chien Lee, Anand Sivasubramaniam, C. Lee Giles  
 June 2006 JCDL '06: Proceedings of the 6th ACM/IEEE-CS joint conference on Digital libraries

Publisher: ACM

Full text available:  pdf(431.96 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 76, Citation Count: 1


Citation matching, or the automatic grouping of bibliographic references that refer to the same document, is a data management problem faced by automatic digital libraries for scientific literature such as CiteSeer and Google Scholar. Although several ...

Keyw ords: CiteSeer, bayesian inference, citation matching

17 [Requirements for XML document database systems](#)

Airi Salminen, Frank Wm. Tompa  
 November 2001 DocEng '01: Proceedings of the 2001 ACM Symposium on Document engineering

Publisher: ACM

Full text available:  pdf(141.89 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 200, Citation Count: 3

The shift from SGML to XML has created new demands for managing structured documents. Many XML documents will be transient representations for the purpose of data exchange between different types of applications, but there will also be a need for effective ...

Keyw ords: XML, XML database systems, data definition, data manipulation, data modelling, structured documents

18 [The Mars project: PDF in XML](#)

Matthew R. B. Hardy  
 August 2007 DocEng '07: Proceedings of the 2007 ACM symposium on Document engineering

Publisher: ACM

Full text available:  pdf(1.15 MB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 140, Citation Count: 0


The Portable Document Format (PDF) is a page-oriented, graphically rich document format based on PostScript semantics. It is the file format underlying the Adobe® Acrobat® viewers and is used throughout the publishing industry for final form ...

Keyw ords: Mars, PDF, SVG, XML, package, zip

19 [A fine-grained access control system for XML documents](#)

Ernesto Damiani, Sabrina De Capitani di Vimercati, Stefano Paraboschi, Pierangela Samarati  
 May 2002 ACM Transactions on Information and System Security (TISSEC), Volume 5 Issue 2

Publisher: ACM

Full text available:  pdf(330.69 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 317, Citation Count: 56

Web-based applications greatly increase information availability and ease of access, which is optimal for public information. The distribution and sharing of information via

the Web that must be accessed in a selective way, such as electronic commerce ...

**Keywords:** Access control, World Wide Web, XML documents, authorizations specification and enforcement

20 Using hidden Markov modeling to decompose human-written summaries

Hongyan Jing

December 2002 Computational Linguistics, Volume 26 Issue 4

Publisher: MIT Press

Full text available:  pdf(269.10 KB)

**Additional Information:** full citation, abstract, references, cited by, index terms

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 50, Citation Count: 5

Professional summarizers often reuse original documents to generate summaries. The task of summary sentence decomposition is to deduce whether a summary sentence is constructed by reusing the original text and to identify reused phrases. Specifically, ...

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